CLAIMS

- 1. A sliding bearing, wherein an overlay, which consists of at least one solid lubricant and a binder resin, covers an aluminum-alloy bearing layer bonded on backing metal, characterized in that said overlay consists of an upper layer, which contains the solid lubricant essentially consisting of MoS₂, and a lower layer, which consists of one or both of at least one solid lubricant and at least one hard additive, (when the solid lubricant of the lower layer is MoS₂, its content is relatively lower than that of the upper layer).
- 2. A sliding bearing according to claim 1, wherein the MoS₂ content of the upper layer is from 40 to 95 mass %.
- 3. A sliding bearing according to claim 2, wherein the content of the solid lubricant and hard additive of said lower layer is from 30 to 85 mass %.
- 4. A sliding bearing according to claim 3, wherein said lower layer contains only the solid lubricant.
- 5. A sliding bearing according to claim 4, wherein said solid lubricant is MoS₂.
- 6. A sliding bearing according to claim 5, wherein the MoS_2 content of said upper layer is more than the MoS_2 content of said lower layer by 10 mass % or more.
- 7. A sliding bearing according to any one of claims 1 through 6, wherein the hard additive of said lower layer is at least one selected from the group consisting of Si_3N_4 , SiO_2 , SiC and Al_2O_3 .
- 8. A sliding bearing according to any one of claims 1 through 7, wherein said upper layer consist of two or more sub-layers having different MoS₂ content, the MoS₂ content of the upper sub-layer is more than the MoS₂ content of the lower sub-layer.
- 9. A sliding bearing according to any one of claims 1 through 8, wherein said lower layer consists of two or more sub-layers having different additive amount.

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